

I claim:

1. A two part teaching puzzle apparatus based upon the Periodic chart of chemical elements that places these elements in an array of rows and columns; where the location of each element in the array is based upon its chemical properties, the apparatus comprising: a first part puzzle board having a top edge, a bottom edge and two side edges, said edges having an outline shape reflective of said periodic chart, a second part comprising a plurality of cubic shaped piece having six faces, each of said pieces corresponding to a chemical element in the periodic table and having information on at least one of said faces of said cubic shape including information pertaining to the chemical name of a given said element, said puzzle board having shape for accommodating

2. The apparatus of claim 1 wherein said puzzle board comprises a main section having a left and right side edge and a top and bottom edge, said main section having a shape for accommodating a 3 x 18 array of said cubic shaped pieces, and a first upper section in connection with said top edge of said main section, said upper section having a left edge that is co-linear with said left side edge, said first upper section having a shape for accommodating a 2 x 2 array of said cubic shaped pieces, and a second upper section in connection with said top edge of said main section, said second upper section in connection with said top edge of said main section and having a right edge that is co-linear with said right edge of said main section, said second upper section having a shape for accommodating a 2 x 6 array of said cubic shaped pieces.

3. The apparatus of claim 2 wherein each of said cubes contains information pertaining to the chemical symbol of each of said chemical elements.

4. The apparatus of claim 3 wherein each of said cubes contains information pertaining to the electronic configuration of each of said chemical elements.

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